

IN THE CLAIMS:

Please amend Claims 5 and 9 as shown below.

1. (Cancelled)

2. (Previously Presented) The method according to claim 5, wherein said metal compound is an organometallic compound.

3. (Previously Presented) The method according to claim 5, wherein the total content of the elemental halogens, halogen ions and halogen compounds contained in said sol-gel composition is 3 ppm or less.

4. (Previously Presented) The method according to claim 5, wherein said dispersoid comprises at least titanium, zirconium and lead.

5. (Currently Amended) A method of manufacturing a piezoelectric film, comprising:

a process for performing a purification operation on all materials to be used for preparing a sol-gel composition for forming a piezoelectric element;

~~a process for preparing, by performing a plurality of purification operations at different times, a said sol-gel composition for forming a piezoelectric element,~~ wherein the total content of the elemental halogens, halogen ions and halogen compounds contained

in said sol-gel composition is 10 ppm or less, and wherein ~~the~~ said sol-gel composition comprises a dispersoid obtained from a metal compound;

a process for forming a coating film by coating a substrate with said sol-gel composition;

a process for drying said coating film; and

a process for obtaining said piezoelectric film by baking said dried coating film.

6. (Original) A piezoelectric element comprising a piezoelectric film sandwiched between a lower electrode and an upper electrode, wherein said piezoelectric film is produced by the method according to claim 5.

7. (Previously Presented) The piezoelectric element according to claim 6, wherein the total content of the elemental halogens, halogen ions and halogen compounds contained in said piezoelectric film is 10 ppm or less.

8. (Previously Presented) An ink jet recording head, comprising a pressure chamber communicated with an ink jet orifice, a vibrating plate arranged in a manner corresponding to said pressure chamber, the piezoelectric element according to claim 6 arranged in a manner corresponding to said vibrating plate, wherein the ink in said pressure chamber is jetted from said ink jet orifice owing to a volume change within said pressure chamber caused by said piezoelectric element arranged in a manner corresponding to said

vibrating plate.

9. (Currently Amended) The method according to claim 5, wherein said ~~plurality of purification operations~~ purification operation comprises a plurality of different purification operations.